



# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

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May 22, 2003

TO: Minerals File

FROM: Lynn Kunzler, Senior Reclamation Biologist *LK*

RE: Site Inspection, Bonneville Quarries, Inc., Dove Creek Quarry, M/003/016, Box Elder County, Utah

Date of Inspection: May 8, 2003  
Time of Inspection: 12:00 noon  
Conditions: Cloudy, intermittent snow  
Participants: Bill and Preston Bown, Bonneville Quarries, Inc.; Dennis Jorgensen, Jerry Cates, Cindy Emmons, Heritage Stone, Inc.; Scott Nannenga and Steve Flock, USFS; and Lynn Kunzler, DOGM

**Purpose of Inspection:** To discuss EA progress and mitigation needs for Forest Service Non-compliance regarding un-authorized road building activities.

**Observations:**

After meeting at the turnoff from the Lynn Pass road to access the site, we reconvened near the spring area on the western end of the road that was constructed without authorization (note, portions of this road construction was merely regrading portions of an existing two-track road). Road construction at this point had cut through a spring/seep area, as well as disturbed an archeological site. The area had been partially reclaimed shortly after the construction in September of 2000. At this time, the Forest Service requires that this area be fully reclaimed and the spring/seep area be fenced. The FS will contact the grazing permittee and will require that they move stock watering facilities currently in the area, so that they will be outside the area to be fenced. The operator was instructed to use a trackhoe excavator to do the regrading so as to minimize any additional disturbance or damage to the resources in the area. The FS would also like the 2.93 acres of development that Interstate Rock had done (un-authorized) reclaimed as well. Mr. Jorgensen indicated that his company, Heritage Stone, was interested in taking over the area and had requested that full reclamation not be done at this time, in hopes that he would be making permit application in the next few weeks and would hope to be able to begin operations in the near future.

The EA identified an acceptable rerouting for this road. The new alignment has been flagged and inspected, and appears likely that it will be approved. A second issue raised within the EA is the close proximity of the proposed waste dump for the proposed 'Vertical Cloud' pit additional seeps and springs. This will need to be relocated further to the west. The Bowns indicated that they will revise their permit to show the relocated waste dump. The FS also indicated that they will be bring a biologist to the



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site in the next couple of weeks to do an early season threatened, endangered, and sensitive plant survey. The only wildlife species of concern with this project is the Sage Grouse. With the potential for listing this species in the near future, it may require additional surveys and/or mitigation be done.

The last issue discussed was that of access roads. The Bowns and Mr. Jorgensen were again instructed to meet with the private landowners (Max and Burt Kunzler) to work out an agreement with regards to the main access to their quarries. The FS and the Division cannot intervene and require the Kunzler's to allow the road to be widened or re-located. With regards to the access road to the vertical cloud, Sunshine East, and the Interstate Rock area, the FS will require full reclamation when the mining activities cease. We discussed the issue of who bonds for the road, and even for having a separate bond for the road reclamation only, that both companies would pay for. It was decided since a separate bond would also have to include mobilization and other administrative costs, that it would probably be less expensive to have 100% of the road reclamation covered under each project. Therefore, the FS will require the reclamation costs for the shared road on FS property be covered at 100% in the reclamation bond that each company will have for their mine site. The Bowns were given a draft reclamation cost estimate for their mine site and were informed that it would be finalized as soon as we received the amended location (and size) for the vertical cloud.

**Conclusions and Recommendations:**

The FS will be available to oversee fencing the spring and archeology site. The companies were requested to notify the FS and the Division of when reclamation work would begin so we could coordinate site visits during the reclamation activities. The Bowns will amend their Notice to relocate the waste dump for the 'vertical cloud' pit. The reclamation surety and contract will need to be revised to reflect the costs shown on the updated reclamation cost estimate prior to being allowed to begin operations in the amended area.

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